

09-14-1998

9/2/98 MRD



To the Honorable Assistant Secretary and Commissioner of document(s) or copy(ies) thereof.

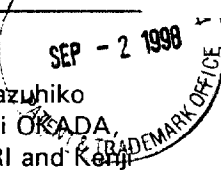
e attached original

1. Name of conveying party(ies):

Yasuhiko YAMANE, Takumi HASEBE, Kazuhiko NAKAMURA, Hideki FUKUDA, Tomoyuki OKADA, Yoshihiro KASHIWAGI, Yoshihiro MORI and Kenji TAGAWA

100827651
2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.
Street Address: 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571 JAPAN



Additional name(s) of conveying party(ies) attached? No

Additional name(s) & address(es) attached? No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: August 18, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/077,332

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Charles R. Watts

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). \$40.00

Enclosed (Check No. 29736)
Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles R. Watts, Reg. No. 33,142
Name of Person Signing

Charles R. Watts
Signature

September 2, 1998
Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

Mail documents to be recorded with required cover sheet information:

Commissioner and Assistant Secretary of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

09/11/1998 TTOM11 00000097 09077332

01 FC:581

40.00 DP

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Yasuhiko YAMANE, Takumi HASEBE, Kazuhiko NAKAMURA,

Hideki FUKUDA, Tomoyuki OKADA, Yoshiichiro KASHIWAGI,

Yoshihiro MORI and Kenji TAGAWA

Insert Name(s)
of Inventor(s)

~~xxx~~

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd. of

Insert Name(s)
of Assignee(s)

of 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571 JAPAN

Address

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 USC 100, in the invention known as

MULTIMEDIA STREAM GENERATING METHOD ENABLING ALTERNATIVE
REPRODUCTION OF VIDEO DATA, AND A MULTIMEDIA OPTICAL DISK
AUTHORING SYSTEM

Title of
Invention

for which an application for patent in the United States of America has been executed by the undersigned

on May 15, 1998

Date of Signing
of Application

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date August 18, 1998, Name of Inventor Yasuhiko Yamane
 Date August 18, 1998, Name of Inventor Japami Masche
 Date August 18, 1998, Name of Inventor Kazuhito Nakamura
 Date August 18, 1998, Name of Inventor Hideki Fukuda
 Date August 18, 1998, Name of Inventor Tomoyuki Okada
 Date August 18, 1998, Name of Inventor Yoshihiro Kashiwagi
 Date August 18, 1998, Name of Inventor Yoshihiro Mori
 Date August 18, 1998, Name of Inventor Kenji Tagawa

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Junichi Kubota
 Witness Hideki Terasawa

ACKNOWLEDGEMENT

_____ }
 _____ } ss

This _____ day of _____, 19____, before me
 personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

_____ Official Signature
 _____ Official Title

SEAL

The above application may be more particularly identified as follows:
 U.S. Application Serial No. 09/077,332 Filing Date May 27, 1998
 Applicant Reference Number 527921MaJ Atty Docket No. 177/527921MAJ
 Title of Invention MULTIMEDIA STREAM GENERATING METHOD ENABLING ALTERNATIVE REPRODUCTION OF VIDEO DATA, AND A MULTIMEDIA OPTICAL DISK AUTHORIZING SYSTEM